

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|------------------------------|------------------|---------|---------------------|
| L1    | 14484 | index near3 weight\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/06/27<br>17:14 |
| L2    | 9     | 600/544-545.ccls. and 1   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/06/27<br>17:15 |
| L3    | 15    | 1 and ((state level) near2<br>consciousness)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/06/27<br>17:16 |
| L4    | 11    | 3 not 2   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/06/27<br>17:17 |
| S2    | 2     | ((("5281791") or ("4836219")).<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/01/08<br>15:29 |
| S3    | 49    | (US-20040044293-\$ or US-<br>20020147411-\$ or US-<br>20020055687-\$ or US-<br>20020095097-\$ or US-<br>20040193068-\$).did. or (US-<br>6560479-\$ or US-6042548-\$ or<br>US-6475753-\$ or US-6224549-\$<br>or US-6463322-\$ or US-<br>4908512-\$ or US-4485450-\$ or<br>US-5257544-\$ or US-4922915-\$<br>or US-6420526-\$ or US-<br>6410709-\$ or US-6312393-\$ or<br>US-6342581-\$ or US-5233349-\$<br>or US-5180914-\$ or US-<br>4259290-\$ or US-5216602-\$ or<br>US-6018675-\$ or US-6385486-\$<br>or US-6259889-\$ or US-<br>4926876-\$ or US-5176207-\$ or<br>US-5384894-\$ or US-5363189-\$<br>or US-5220662-\$ or US-<br>4869264-\$).did. or (US-<br>6416480-\$ or US-5070014-\$ or<br>US-4887121-\$ or US-5272769-\$<br>or US-5687384-\$ or US-<br>4896278-\$ or US-6317627-\$ or<br>US-6292830-\$ or US-6366805-\$<br>or US-6175762-\$ or US-<br>6575902-\$ or US-6344342-\$ or<br>US-6410583-\$ or US-6052619-\$<br>or US-5813993-\$ or US-<br>4411273-\$ or US-6070098-\$ or<br>US-5999846-\$).did. | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/05/03<br>12:46 |

|     |        |  |                              |    |    |                     |
|-----|--------|--|------------------------------|----|----|---------------------|
| S4  | 7      | "731816".ap.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/04<br>19:27 |
| S5  | 1489   | evoked adj potential   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:32 |
| S6  | 28307  | conscious\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:33 |
| S7  | 1509   | S6 with state  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:33 |
| S9  | 31039  | (biosignal EEG<br>electroencephalograph action<br>movement) near3 sensor           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:52 |
| S10 | 0      | S5 same S6 same S7 same S8<br>same S9  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:37 |
| S11 | 0      | S5 same S7 same S8 same S9   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:37 |
| S12 | 1      | S5 same S8 same S9   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:39 |
| S13 | 255    | S8 same S9   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:38 |
| S14 | 1      | S13 and S5 and S7  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:38 |
| S15 | 612835 | index  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:39 |
| S16 | 49036  | (biosignal EEG<br>electroencephalograph action<br>movement motion) near3<br>sensor | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:53 |
| S17 | 435    | S15 same S16   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>13:53 |
| S18 | 1      | S5 and S7 and S17  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>14:05 |
| S19 | 1      | S5 and S17   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>14:05 |
| S20 | 10452  | (evoked with potential) erp  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/03<br>17:41 |

|     |        |  |                              |    |     |                     |
|-----|--------|--|------------------------------|----|-----|---------------------|
| S21 | 10452  | (evoked with potential) erp<br>(evoked adj potential)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/03<br>17:42 |
| S22 | 612835 | index  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/03<br>17:42 |
| S23 | 49036  | (biosignal EEG<br>electroencephalograph action<br>movement motion) near3<br>sensor   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/03<br>17:42 |
| S24 | 435    | S22 same S23   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/03<br>17:42 |
| S25 | 2      | S24 and S21  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/03<br>17:43 |
| S26 | 767    | event with relat\$2 with potential   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/03<br>17:43 |
| S27 | 1      | S24 and S26  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/03<br>17:43 |
| S28 | 4      | ((("5069221") or ("5566067") or<br>("5813993") or ("6032064")).<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/05/03<br>17:44 |
| S29 | 49     | (US-20040044293-\$ or US-<br>20020147411-\$ or US-<br>20020055687-\$ or US-<br>20020095097-\$ or US-<br>20040193068-\$).did. or (US-<br>6560479-\$ or US-6042548-\$ or<br>US-6475753-\$ or US-6224549-\$<br>or US-6463322-\$ or US-<br>4908512-\$ or US-4485450-\$ or<br>US-5257544-\$ or US-4922915-\$<br>or US-6420526-\$ or US-<br>6410709-\$ or US-6312393-\$ or<br>US-6342581-\$ or US-5233349-\$<br>or US-5180914-\$ or US-<br>4259290-\$ or US-5216602-\$ or<br>US-6018675-\$ or US-6385486-\$<br>or US-6259889-\$ or US-<br>4926876-\$ or US-5176207-\$ or<br>US-5384894-\$ or US-5363189-\$<br>or US-5220662-\$ or US-<br>4869264-\$).did. or (US-<br>6416480-\$ or US-5070014-\$ or<br>US-4887121-\$ or US-5272769-\$<br>or US-5687384-\$ or US-<br>4896278-\$ or US-6317627-\$ or<br>US-6292830-\$ or US-6366805-\$<br>or US-6175762-\$ or US-<br>6575902-\$ or US-6344342-\$ or<br>US-6410583-\$ or US-6052619-\$<br>or US-5813993-\$ or US- | US-PGPUB;<br>USPAT           | OR | ON  | 2007/05/03<br>17:44 |

|     |        |  |                              |    |     |                     |
|-----|--------|--|------------------------------|----|-----|---------------------|
|     |        | 4411273-\$ or US-6070098-\$ or US-5999846-\$).did.   |                              |    |     |                     |
| S30 | 14     | S21 and S29  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/03<br>17:58 |
| S31 | 5      | "295167".ap.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/03<br>18:25 |
| S32 | 3      | ((("4869264") or ("4570640") or ("4201224")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/05/04<br>11:52 |
| S33 | 18     | ("3087487"   "3513834"   "3689135"   "4201224"   "4570640").PN. OR ("4869264").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>15:35 |
| S34 | 102932 | signal with (quality integrity)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/11<br>14:34 |
| S35 | 1      | S33 and S34  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>15:35 |
| S36 | 49     | (US-20040044293-\$ or US-20020147411-\$ or US-20020055687-\$ or US-20020095097-\$ or US-20040193068-\$).did. or (US-6560479-\$ or US-6042548-\$ or US-6475753-\$ or US-6224549-\$ or US-6463322-\$ or US-4908512-\$ or US-4485450-\$ or US-5257544-\$ or US-4922915-\$ or US-6420526-\$ or US-6410709-\$ or US-6312393-\$ or US-6342581-\$ or US-5233349-\$ or US-5180914-\$ or US-4259290-\$ or US-5216602-\$ or US-6018675-\$ or US-6385486-\$ or US-6259889-\$ or US-4926876-\$ or US-5176207-\$ or US-5384894-\$ or US-5363189-\$ or US-5220662-\$ or US-4869264-\$).did. or (US-6416480-\$ or US-5070014-\$ or US-4887121-\$ or US-5272769-\$ or US-5687384-\$ or US-4896278-\$ or US-6317627-\$ or US-6292830-\$ or US-6366805-\$ or US-6175762-\$ or US-6575902-\$ or US-6344342-\$ or US-6410583-\$ or US-6052619-\$ or US-5813993-\$ or US-4411273-\$ or US-6070098-\$ or US-5999846-\$).did. | US-PGPUB;<br>USPAT           | OR | ON  | 2007/05/04<br>15:35 |

|     |       |  |                              |    |     |                     |
|-----|-------|--|------------------------------|----|-----|---------------------|
| S37 | 7     | S36 and S34                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>15:36 |
| S38 | 1489  | evoked adj potential                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>15:36 |
| S39 | 4     | S36 and S34 and S38                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>16:48 |
| S40 | 90519 | dispos\$4 with sensor                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>17:08 |
| S41 | 1319  | 600/544-546.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>16:48 |
| S42 | 63    | S40 and S41                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>16:48 |
| S43 | 26    | S40 same EEG                               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>16:49 |
| S44 | 5     | S43 and S41                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>16:48 |
| S45 | 3705  | disposable with sensor                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>17:08 |
| S46 | 23    | S41 and S45                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>17:08 |
| S47 | 21    | S46 not S43                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>18:33 |
| S48 | 71    | S38 and eyelid                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>17:14 |
| S49 | 10    | S48 and S41                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>17:11 |
| S50 | 1     | ("5649061").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/05/04<br>17:18 |
| S51 | 1119  | S45 and battery                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>18:33 |
| S52 | 79    | S51 and EEG                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>18:33 |
| S53 | 54673 | battery near3 (cover switch<br>activat\$4) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>19:04 |

|     |        |  |                              |    |     |                     |
|-----|--------|--|------------------------------|----|-----|---------------------|
| S54 | 120    | S45 and S53                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>19:04 |
| S55 | 52     | S54 and "600".clas.                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>19:26 |
| S56 | 476    | latency adj signal                           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>19:26 |
| S57 | 1      | ("20040193068").PN.                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/05/04<br>19:27 |
| S58 | 0      | S57 and S56                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>19:27 |
| S59 | 166    | contingent with potential                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>19:28 |
| S60 | 0      | S57 and S59                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>19:34 |
| S61 | 823373 | mediation weighting transform<br>\$5         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>19:34 |
| S62 | 1      | S57 and S61                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/04<br>19:34 |
| S63 | 436    | battery with tab with remov\$4               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/08<br>14:13 |
| S64 | 8      | S63 and "600".clas.                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/08<br>14:19 |
| S65 | 2      | ((("3740543") or ("5611517")).<br>PN.        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/05/08<br>14:19 |
| S66 | 7533   | evok\$3 near2 (potential<br>response signal) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/11<br>12:58 |
| S67 | 63197  | latency                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/11<br>12:58 |
| S68 | 573951 | duration                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/11<br>12:58 |
| S69 | 29     | S66 same S67 same S68                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/05/11<br>13:01 |

|     |         |  |                              |    |    |                     |
|-----|---------|--|------------------------------|----|----|---------------------|
| S70 | 2660578 | (eighth adj nerve) (brachial adj plexus) (cochlear adj nerve) MLAEP Na Pa TP41 Pb Nb P1 N1 P2 N2 brainstem wave pcp nd n2b p3a p3b n400 p600 (contingent near potential near processing) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/11<br>13:07 |
| S71 | 3451    | S66 and S68 and S70  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/11<br>13:16 |
| S72 | 133     | S66 same S68 same S70  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/11<br>13:16 |
| S73 | 24      | S72 and "600".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/11<br>13:17 |
| S74 | 8683    | signal near2 integrity   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/11<br>14:35 |
| S75 | 1324    | 600/544-546.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/11<br>14:35 |
| S76 | 21      | S75 and S74  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/05/11<br>14:35 |
| S77 | 22      | (second near3 (index indices)) and (evok\$3 near2 potential)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/13<br>16:19 |
| S78 | 1411    | 600/544-546.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/14<br>14:36 |
| S79 | 25      | (second near3 (index indices)) and S78   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/14<br>14:36 |
| S80 | 1413    | 600/544-546.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/15<br>15:13 |
| S81 | 15      | ((other next additional alternat \$2) near3 (index indices)) and S80   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/15<br>15:13 |
| S82 | 3853    | ((other next additional alternat \$2 second) near3 (index indices)) and (biosignal eeg electroencephalogram activation)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/15<br>15:26 |
| S83 | 142     | S82 and "600".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/15<br>15:28 |
| S84 | 154782  | conscious\$4 awake alert\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:12 |

|     |      |   |                              |    |    |                     |
|-----|------|---|------------------------------|----|----|---------------------|
| S85 | 193  | index near2 S84   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:12 |
| S86 | 1595 | evoked adj potential  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:12 |
| S87 | 1    | S85 same S86  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:12 |
| S88 | 10   | S85 and \5  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:12 |
| S89 | 10   | S85 and S86   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:13 |
| S90 | 164  | mediation adj process   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:37 |
| S91 | 0    | S86 and S90   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:38 |
| S92 | 0    | S90 and "600".clas.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:38 |
| S93 | 7    | S86 with signal with transform<br>\$5   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/16<br>14:43 |
| S94 | 28   | ((second other next alternat\$2<br>additional) near3 (index<br>indices)) and (evok\$3 near2<br>potential) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/20<br>18:24 |
| S95 | 12   | huiku.in. and anesthetic  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/25<br>16:55 |
| S96 | 170  | mediation adj process   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/12/20<br>14:04 |
| S97 | 1    | S96 same (weigh\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/12/20<br>14:04 |

6/ 27/ 2008 5:35:44 PM

C:\Documents and Settings\ktoth\My Documents\EAST\Workspaces\107-----\10731816.wsp